

**LISTING OF THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. **(Currently Amended)** ~~An method apparatus comprising a computing device programmed to:~~

- ~~store for a computer-based representation of a first entity an amount of available cash;~~
- ~~receive from an administrator a representation of a marginal abatement cost curve, in which the marginal abatement cost curve comprises an indication of an amount of money for the first entity to produce internal reductions of carbon dioxide equivalent emissions;~~
- ~~based on a request received from a first user, generating generate for a simulated the first entity at least one of: a computer-based representation of a volume of internal reductions of carbon dioxide equivalent emissions that the first entity may produce; and~~
- ~~calculate, based on the marginal abatement cost curve, a cost for the generated volume of internal reductions of carbon dioxide equivalent emissions;~~
- ~~based on the cost for the generated volume of internal reductions of carbon dioxide equivalent emissions, decrease for the first entity the amount of available cash;~~
- ~~based on a command received from the first user, purchase for the first entity credits of carbon dioxide equivalent emission reductions;~~
- ~~based on the purchased credits of carbon dioxide equivalent emission reductions, decrease for the first entity the amount of available cash; and~~
- ~~cause the amount of available cash for the first entity to be displayed to the first user, in response to a simulated event that is separate from a trading of credits of carbon dioxide equivalent emission reductions, changing for the simulated entity at least one of:~~
  - ~~a cost to generate internal reductions of carbon dioxide equivalent emissions;~~
  - ~~a cost to generate reductions of carbon dioxide equivalent emissions in order to generate credits of carbon dioxide equivalent emission reductions, and~~
  - ~~a volume of credits of carbon dioxide equivalent emission reductions;~~

Claim 2 (Canceled).

3. **(Currently Amended)** The ~~method~~ apparatus of claim [[16]] 40.

in which the first user and the second user are permitted to trade credits of carbon dioxide equivalent emission reductions during at least one trading session, in which the trading session comprises a duration of time; and

in which the computing device is further comprising the step of programmed, in response to an indication received from the administrator, to modify[[ing]] the a real-time duration allotted for the trading of credits of time.

4. **(Currently Amended)** The ~~method~~ apparatus of claim ~~[[1]]~~ 41, in which the simulated event comprises a simulated news announcement.

5. **(Currently Amended)** The ~~method~~ apparatus of claim 4, in which the computing device is further comprising the step of programmed to causing cause the simulated news announcement to be displayed to at least one of the first user and the second user.

6. **(Currently Amended)** The ~~method~~ apparatus of claim 4, in which the computing device is further comprising the step of programmed to:

upon receiving the simulated news announcement from the administrator, storing store the simulated news announcement, in which the simulated news announcement ~~has~~ comprises a specified release time specified by the administrator; and

causing cause the simulated news announcement to be displayed to at least one of the first user and the second user at the specified release time.

Claims 7-11 (Canceled).

12. **(Currently Amended)** The ~~method~~ apparatus of claim 1, in which the computing device is further comprising the step of programmed to:

receiving receive an input from [[a]] the first user a request to form the first entity;  
and

in response to the input request, form[[ing]] the simulated computer-based representation of the first entity.

13. **(Currently Amended)** The ~~method~~ apparatus of claim 1, in which the computing device is further comprising the step of programmed to:

~~receiving receive from the first user an input a request~~ to review a position of the ~~simulated first~~ entity; and

in response to the ~~input request, causing cause~~ to be displayed ~~to the first user an~~ interface screen in which the interface screen comprises:

~~a first value representing a volume of carbon dioxide equivalent emissions emitted by the first entity;~~

~~a second value representing at least a portion of the generated volume of internal reductions of carbon dioxide equivalent emissions; and~~

~~a third value representing at least a portion of a volume of credits of carbon dioxide equivalent emission reductions for owned by the simulated first entity for one or more years.~~

Claims 14-16 (Canceled).

17. (Currently Amended) The ~~method apparatus~~ of claim 1, ~~in which the computing device is further comprising the step of programmed to:~~

~~receiving receive an input from [[a]] the first user a request~~ to review a simulated news announcement; and

in response to the ~~input request, causing cause~~ the simulated news announcement to be displayed to the ~~first~~ user.

Claim 18 (Cancelled).

19. (Currently Amended) The ~~method apparatus~~ of claim [[16]] 1, ~~in which the first user is permitted to trade credits of carbon dioxide equivalent emission reductions during trading sessions; and~~

~~in which the computing device is further comprising the step of programmed to:~~

~~receiving receive from the first user an input a request~~ to review a timeline of ~~one or more trading sessions of the trading of credits; and~~

~~in response to the request, cause to be displayed to the first user an interface screen in which the interface screen comprises:~~

an indication of a first trading session, in which the indication of the first trading session comprises a start time, an end time, and a designation that the first trading session has completed; and

an indication of a second trading session, in which the indication of second trading session comprises a start time, an end time, and a designation that the second trading session is executing.

20. **(Currently Amended)** The ~~method~~ apparatus of claim [[16]] 1, in which the first user is permitted to trade credits of carbon dioxide equivalent emission reductions during trading sessions; and  
in which the computing device is further comprising the step of programmed to:  
receiving receive from the first user an input a request to review a report at an end of the a trading of credits; and  
in response to the request, cause to be displayed to the first user an interface screen in which the interface screen comprises:

an indication of a first trading session, in which the first trading session comprises a volume of credits of carbon dioxide equivalent emission reductions purchased by the first user for the first entity during the first trading session; and

an indication of a second trading session, in which the second trading session comprises a volume of credits of carbon dioxide equivalent emission reductions purchased by the first user for the first entity during the second trading session.

Claims 21-24 **(Cancelled)**.

25. **(Currently Amended)** The ~~method~~ apparatus of claim 1, in which the computing device is further programmed to:  
store a volume of credits of carbon dioxide equivalent emission reductions owned by the first entity; and  
receive from the administrator a simulated event, in which the simulated event causes for the simulated entity a monetary value of at least a portion of the volume of credits of carbon dioxide equivalent emission reductions owned by the first entity to change.

26. **(Currently Amended)** The ~~method~~ apparatus of claim 25,

in which the volume of credits of carbon dioxide equivalent emission reductions owned by the first entity comprises a volume of allowances of carbon dioxide equivalent emissions;

in which the volume of allowances of carbon dioxide equivalent emissions comprises a volume of carbon dioxide equivalent emissions the first entity is allowed to release; and

~~for in~~ in which the at least portion of the volume of credits for which the monetary value changes ~~are~~ comprises the volume of allowances of carbon dioxide equivalent emissions.

27. **(Currently Amended)** The ~~method~~ apparatus of claim 1, in which the ~~changing step~~ computing device is further programmed to:

store a volume of credits of carbon dioxide equivalent emission reductions owned by the first entity;

receive from the administrator a simulated event; and

change[s]], based on the simulated event, the volume of credits of carbon dioxide equivalent emission reductions owned by the first entity.

28. **(Currently Amended)** The ~~method~~ apparatus of claim 27,

in which the volume of credits of carbon dioxide equivalent emission reductions owned by the first entity comprises a volume of allowances of carbon dioxide equivalent emissions;

in which the volume of allowances of carbon dioxide equivalent emissions comprises a volume of carbon dioxide equivalent emissions the first entity is allowed to release; and

~~for in~~ in which to change the volume ~~changes are of credits comprises to change the volume of~~ allowances of carbon dioxide equivalent emissions.

29. **(Currently Amended)** The ~~method~~ apparatus of claim [[1]] 40, in which the ~~simulated event is at least one of~~ computing device is further programmed to:

receive from the administrator a change in the cost to generate internal reductions of carbon dioxide equivalent emissions to the marginal abatement cost curve;

based on another request received from the first user, generate for the first entity a computer-based representation of an additional volume of internal reductions of carbon dioxide equivalent emissions that the first entity may produce;

calculate, based on the changed marginal abatement cost curve, a cost for the additional generated volume of internal reductions of carbon dioxide equivalent emissions;  
and

based on the cost for the additional generated volume of internal reductions of carbon dioxide equivalent emissions, decrease for the first entity the amount of available cash  
a change in the cost to generate reductions of carbon dioxide equivalent emissions in order to generate credits of carbon dioxide equivalent emission reductions.

30. **(Currently Amended)** The ~~method~~ apparatus of claim 1, in which the ~~simulated event comprises a change in~~ computing device is further programmed to:  
receive from the administrator a representation of an interest rate for borrowing money;

add to the amount of available cash for the first entity a loan to cover at least one of:  
the cost for the generated volume of internal reductions of carbon  
dioxide equivalent emissions, and  
the purchased credits of carbon dioxide equivalent emission  
reductions; and  
charge the first entity a cost for the loan based on the interest rate.

31. **(Currently Amended)** The ~~method~~ apparatus of claim 1, in which the ~~simulated first~~ entity comprises a country.

32. **(Currently Amended)** The ~~method~~ apparatus of claim 3, in which the computing device is further comprising the step of programmed to modify[[ing]] the allotted duration of time during the trading of credits session.

33. **(Currently Amended)** The ~~method~~ apparatus of claim 4, in which the computing device is further comprising the step of programmed to:

~~causing~~ cause an interface screen to be presented to ~~a simulation~~ the administrator, in which the interface screen includes ~~one or more~~ at least one field[[s]] for creating the simulated news announcement; and  
receive from the administrator a value for the at least one field.

34. **(Currently Amended)** The ~~method~~ apparatus of claim [[13]] 1, in which the computing device is further ~~comprising the step of causing to be displayed~~ programmed to:  
receive from the first user a request to review a position of the first entity; and  
in response to the request, cause to be displayed to the first user an interface screen in  
which the interface screen comprises a value representing a compliance requirement for the  
simulated first entity for one or more years, in which the compliance requirement comprises a  
difference between a volume of carbon dioxide equivalent emissions emitted by the first  
entity and a combination of at least a portion of the generated volume of internal reductions  
of carbon dioxide equivalent emissions and at least portion of a volume of credits of carbon  
dioxide equivalent emission reductions owned by the first entity.

35. **(Currently Amended)** The ~~method~~ apparatus of claim [[16]] 40,  
in which the ~~step of simulating the trading of credits includes receiving~~ command  
received from the first user comprises at least one of:  
a bid to buy credits of carbon dioxide equivalent emission reductions,  
and  
a trade to buy credits of carbon dioxide equivalent emission reductions;  
and  
in which the command received from the second user comprises at least one of:  
an offer to sell credits of carbon dioxide equivalent emission  
reductions, and  
a trade to sell credits of carbon dioxide equivalent emission reductions.

Claims 36-39 **(Cancelled)**.

40. **(New)** The apparatus of claim 1, in which the computing device is further programmed to:

store for a computer-based representation of a second entity an amount of available cash;

receive from the administrator a representation of a supply cost curve, in which the supply cost curve comprises an indication of an amount of money for the second entity to produce reductions of carbon dioxide equivalent emissions, in which the reductions of carbon dioxide equivalent emissions produced by the second entity result in credits of carbon dioxide equivalent emission reductions that may be traded by the second entity;

based on a request received from a second user, generate for the second entity a computer-based representation of a volume of credits of carbon dioxide equivalent emission reductions;

calculate, based on the supply cost curve, a cost for the generated volume of credits of carbon dioxide equivalent emission reductions;

based on the cost for the generated volume of credits of carbon dioxide equivalent emission reductions, decrease for the second entity the amount of available cash;

based on a command received from the second user, sell for the second entity at least a portion of the generated volume of credits of carbon dioxide equivalent emission reductions;

based on the sale of the at least portion of the generated volume of credits of carbon dioxide equivalent emission reductions, increase for the second entity the amount of available cash; and

cause the amount of available cash for the second entity to be displayed to the second user.

41. (New) The apparatus of claim 40, in which the computing device is further programmed to:

store a volume of credits of carbon dioxide equivalent emission reductions owned by the first entity;

store a volume of credits of carbon dioxide equivalent emission reductions owned by the second entity;

receive from the administrator a simulated event; and

change, based on the simulated event, at least one of:

the volume of credits of carbon dioxide equivalent emission reductions owned by the first entity, and



the volume of credits of carbon dioxide equivalent emission reductions owned by the second entity.

42. **(New)** The apparatus of claim 1, in which the generated volume of internal reductions of carbon dioxide equivalent emissions does not result in credits of carbon dioxide equivalent emission reductions that may be traded by the first entity.

43. **(New)** The apparatus of claim 34, in which the at least portion of the volume of credits of carbon dioxide equivalent emission reductions owned by the first entity comprises a volume of allowances of carbon dioxide equivalent emissions, in which the volume of allowances of carbon dioxide equivalent emissions comprises a volume of carbon dioxide equivalent emissions the first entity is allowed to release.

44. **(New)** The apparatus of claim 43, in which the compliance requirement comprises a volume of carbon dioxide equivalent emission reductions the first entity must achieve to avoid a penalty.

45. **(New)** The apparatus of claim 44, in which the computing device is further programmed to:

- receive from the administrator a representation of the volume of carbon dioxide equivalent emissions emitted by the first entity; and

- receive from the administrator a representation of the volume of allowances of carbon dioxide equivalent emissions.

46. **(New)** The apparatus of claim 29, in which the computing device is further programmed to:

- receive from the administrator a change to the supply cost curve;

- based on another request received from the second user, generate for the second entity a computer-based representation of an additional volume of credits of carbon dioxide equivalent emission reductions;

- calculate, based on the changed supply cost curve, a cost for the additional generated volume of credits of carbon dioxide equivalent emission reductions; and

based on the cost for the additional generated volume of credits of carbon dioxide equivalent emission reductions, decrease for the second entity the amount of available cash.

47. **(New)** The apparatus of claim 33, in which the at least one field comprises an amount by which the at least one of the volume of credits of carbon dioxide equivalent emission reductions owned by the first entity, and the volume of credits of carbon dioxide equivalent emission reductions owned by the second entity should change.